PCR Cabinet LX101PCR

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Description

PCR Cabinet LX101PCR is designed with an LCD display to protect against contamination with a UV sterilization system and with the provision of HEPA filtered laminar flow which inhibits cross-contamination of the samples. The irradiating UV lamp only can be switched on when the front window is closed, ensuring operator safety sterilized working environment. Side glass windows maximize light and visibility inside the cabinet, providing a bright and open working environment.

Specifications

Internal dimension (W x D x H)	900 x 595 x 560 mm
External dimension (W x D x H)	1000 x 705 x 1770 mm
Work surface height	750 mm
Main body material	Cold rolled steel with anti-bacteria powder coating
Work table material	304 stainless steel
Front and side window material	Anti-UV
Front and side window thickness	5 mm toughened glass
Front and side window orientation	Manual
Max Opening	320 mm
Pre-Filter	Polyester fiber, Washable
HEPA filter	99.995% efficiency at 0.3µm
Airflow velocity	0.3-0.5m/s, speed adjustable
Noise	≤65dB

UV lamp	20 W x 2
UV lamp emission	253.7 nanometers, with UV timer
Illumination lamp	40 W x 1
Illumination	≥350Lux
Shelf with IV bar	Stainless steel, 502 x 150 x 50 mm (W x D x H)
Caster	Universal caster with leveling feet
Waterproof socket	Two, total load ≤ 500 W
Consumption	300 W
Power supply	AC 220V ±10%, 50/60Hz; 110V ±10%,60Hz
Package dimension (W x D x H)	1150 x 930 x 1450 mm
Gross weight	178 Kg

Features

- Came with LCD display to show performing parameters
- Came with a UV lamp that provides an emission of 253.7 nanometers for the most efficient decontamination
- HEPA filter efficiency 99.999% at 0.3μm
- Interlock function for user safety
- Two waterproof sockets are located in the back wall for the convenience of using small devices inside the cabinet
- Memory function in case of power failure

- Equipped with a UV timer (0-90 minutes) whenever the setting time expires, the UV lamp automatically turns off for the preparation of the next experiment
- Cold-rolled steel with anti-bacteria powder coated main body
- Anti-corrosive 304 stainless steel work table

Applications

- Used for amplification and manipulation of DNA or RNA etc.

Standard Accessories

Accessory no	Specifications
1	UV lamp
2	Fluorescent lamp
3	Base stand
4	Waterproof socket x 2 Pcs
5	Shelf with IV bar

Optional Accessories

Accessory no	Specifications
1	Electric height adjustable base stand

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